INSPIRON 13z

Specifications

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Regulatory Model: P31G | Type: P31G001

Computer Model: Inspiron 5323

Dimensions

Height (front and back)	20.7 mm (0.81 inches)
Table height (front and back)	22.7 mm (0.89 inches)
Width	332.0 mm (13.07 inches)
Depth	230.0 mm (9.06 inches)
Weight (with 4-cell battery)	configurable to less than 1.72 kg (3.79 lb) **NOTE:** The weight of your laptop will vary depending on the configuration ordered and the manufacturing variability.

System information

Computer model	Inspiron 5320
Processor	• Intel Pentium dual core • Intel Core i3 • Intel Core i5 • Intel Core i7
System chipset	Intel HM77 Express Chipset

Memory

Connectors	two internally-accessible DDR3 SODIMM sockets
Capacities	2 GB and 4 GB
Minimum memory	2 GB
Maximum memory	4 GB
Memory type	1333/1600 MHz DDR3 SODIMM
Memory configurations supported	2 GB, 4 GB, 6 GB, and 8 GB

Communications

Modem (optional)	external V.92 56 K USB modem
Network adapter	10/100 Mbps Ethernet LAN on system board
Wireless	WLAN, WiMax, Wi-Fi abgn/bgn, WWAN (optional), Wi-Di (optional), and Bluetooth wireless technology

Ports and connectors

Audio	one stereo headphone/headset/audio-out port
Mini-Card	• one half-size Mini-Card slot • one full-size Mini-Card slot (optional)
HDMI	one 19-pin port
Network adapter	one RJ45 port
USB	• two 9-pin USB 3.0-compliant ports • one 9-pin USB 3.0-compliant port with PowerShare and Windows debugging
Media Card Reader	one 8-in-1 slot
SIM (optional)	one SIM-card slot
mSATA (optional)	one mSATA port that supports up to 32 GB

Audio

Controller	Cirrus Logic CS4213D
Speaker	2 x 2 Watt
Internal microphone support	single digital microphone in camera assembly
Volume controls	program menus and keyboard media control keys

Video

Type	• Intel HD graphics • Intel HD graphics 2500/3000/4000
Video memory	system shared memory

Battery

4-cell/8-cell "smart" lithium ion	
Height	5.80 mm (0.23 inches)
Width	148.90 mm (5.86 inches)
Depth	233.35 mm (9.19 inches)
Weight	
4-cell	0.28 kg (0.62 lb)
8-cell	0.30 kg (0.66 lb)
Voltage	14.8 VDC
Charge time (approximate)	4 hours (when the computer is turned off)
Operating time	battery operating time varies depending on operating conditions and can be significantly reduced under certain power-intensive conditions.
Coin-cell battery	CR-2032

Power adapter

Type	65 W
Input voltage	100-240 VAC
Input current (maximum)	1.50 A/1.60 A/1.70 A
Input frequency	50-60 Hz
Output current (continuous)	3.34 A
Output power	65 W
Rated output voltage	19.50 +/- 1 VDC
Temperature range	
Operating	0 °C to 40 °C (32 °F to 104 °F)
Storage	–40 °C to 70 °C (–40 °F to 158 °F)

Media Card Reader

Cards supported	• Secure Digital (SD) memory card • Secure Digital High Capacity (SDHC) • Secure Digital Extended Capacity (SDXC) with ultra high-speed • Memory Stick • Memory Stick PRO (MS-PRO) • Memory Stick Extended Capacity (MSXC) • MultiMedia Card (MMC) • MultiMedia Card plus (MMC+)

Keyboard

Number of keys	80 (Korea, U.S., and Canada) 81 (United Kingdom and Brazil) 84 (Japan)

Touchpad

X/Y position resolution (graphics table mode)	240 cpi
Size	
Height	45.00 mm (1.77 inches) sensor-active area
Width	82.00 mm (3.23 inches) rectangle

Display

Type	13.3" HD WLED TrueLife
Maximum resolution	1366 x 768
Dimensions	
Height	164.97 mm (6.49 inches)
Width	293.42 mm (11.55 inches)
Diagonal	337.82 mm (13.30 inches)
Refresh rate	60 Hz
Operating angle	0° (closed) to 140°
Horizontal viewing angle	40/40
Vertical viewing angle	15/30 (H/L)
Pixel pitch	0.2148 mm x 0.2148 mm
Controls	brightness can be controlled through keyboard shortcuts

Camera

Camera resolution	720p HD; 1280 x 720 pixels
Video resolution (maximum)	1280 x 720 pixels
Diagonal viewing angle	66 °

Computer environment

Temperature range	
Operating	0 °C to 35 °C (32 °F to 95 °F)
Storage	–40 °C to 65 °C (–40 °F to 149 °F)
Relative humidity (maximum)	
Operating	10 % to 90 % (non-condensing)
Storage	10 % to 95 % (non-condensing)
Maximum vibration (using a random vibration spectrum that simulates user environment)	
Operating	0.66 GRMS
Storage	1.3 GRMS
Maximum shock (Measured with hard drive in operating status and a 2-ms half-sine pulse for operating. Also measured with hard drive in head-parked position and a 2-ms half-sine pulse for storage)	
Operating	110 G
Storage	160 G
Altitude (maximum)	
Operating	–15.2 m to 3048 m (–50 ft to 10,000 ft)
Storage	–15.2 m to 10,668 m (–50 ft to 35,000 ft)
Airborne contaminant level	G1 as defined by ISA-S71.04-1985